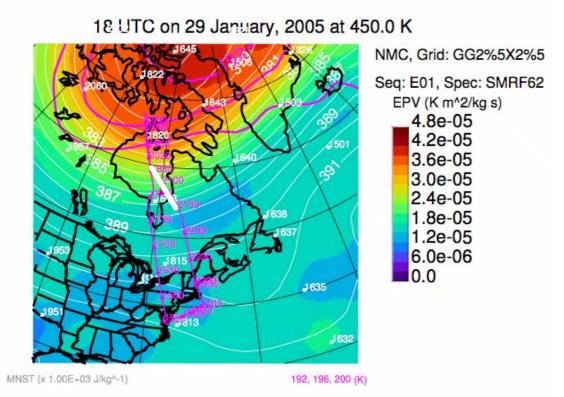
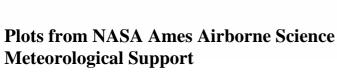


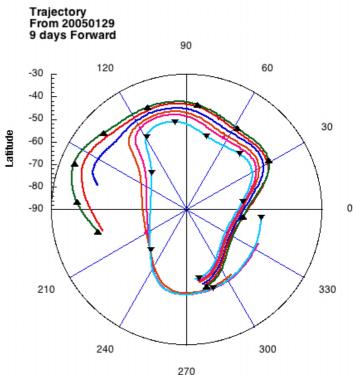
Coincident Measurements between the NCAR Fourier Transform Spectrometer in PAVE and MLS on Aura

Michael Coffey and James Hannigan

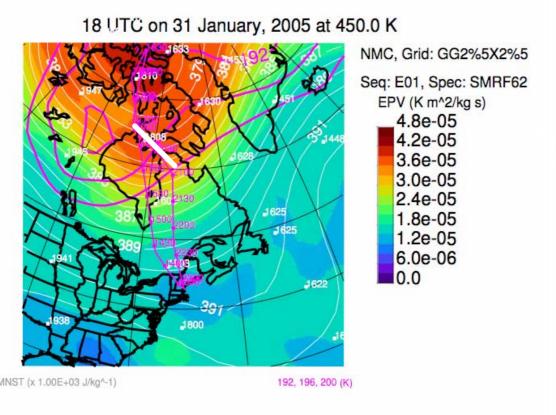
November 2005



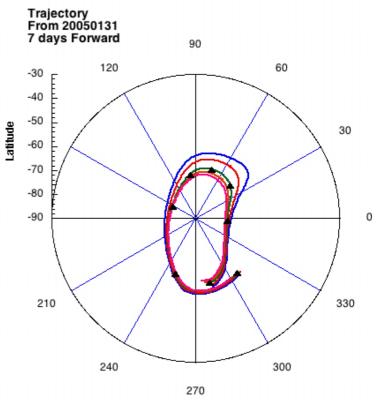




Trajectories from model of Schoeberl, Lait and Newman



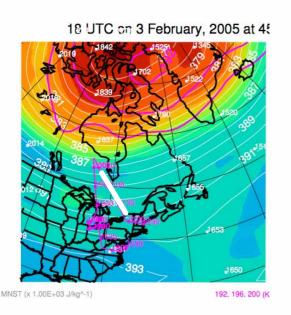
Plots from NASA Ames Airborne Science Meteorological Support

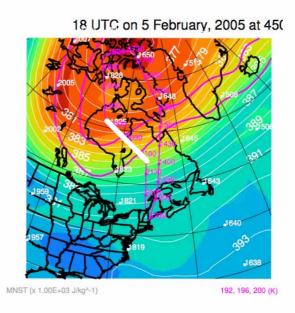


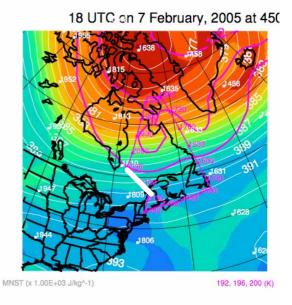
Trajectories from model of Schoeberl, Lait and Newman

Polar vortex as a validation target:

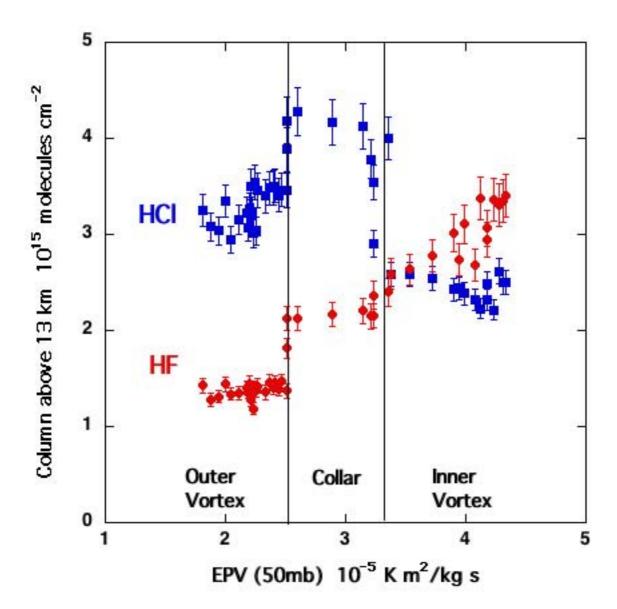
Localized feature, but big enough to find Known structure Predictable Both hemispheres Some gases increase, some decrease Sharp boundary

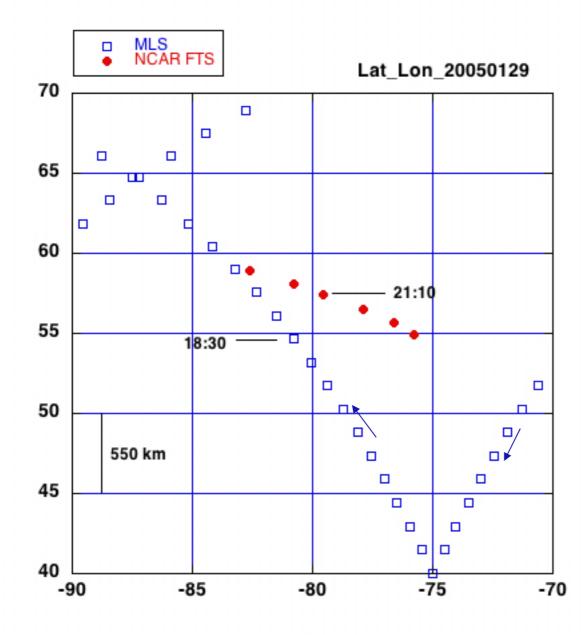






Plots from NASA Ames Airborne Science Meteorological Support

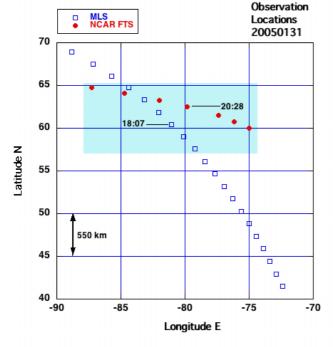


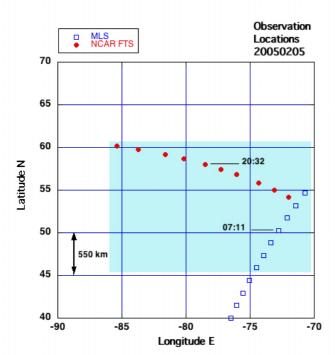


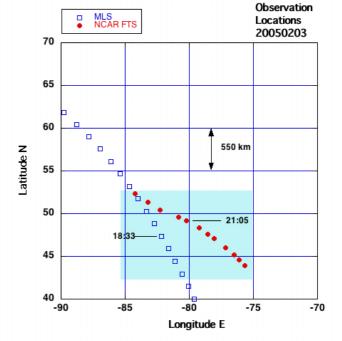
Latitude N

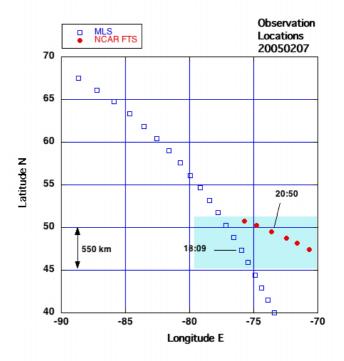
Aura sub-satellite track and DC-8 location for NCAR FTS observations

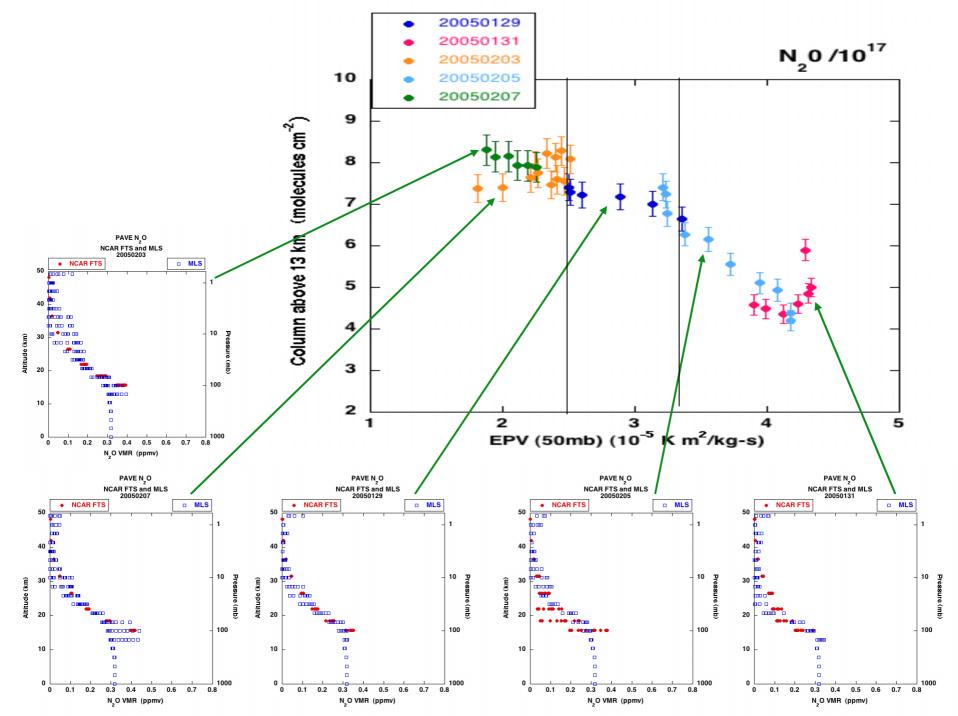
Longitude W

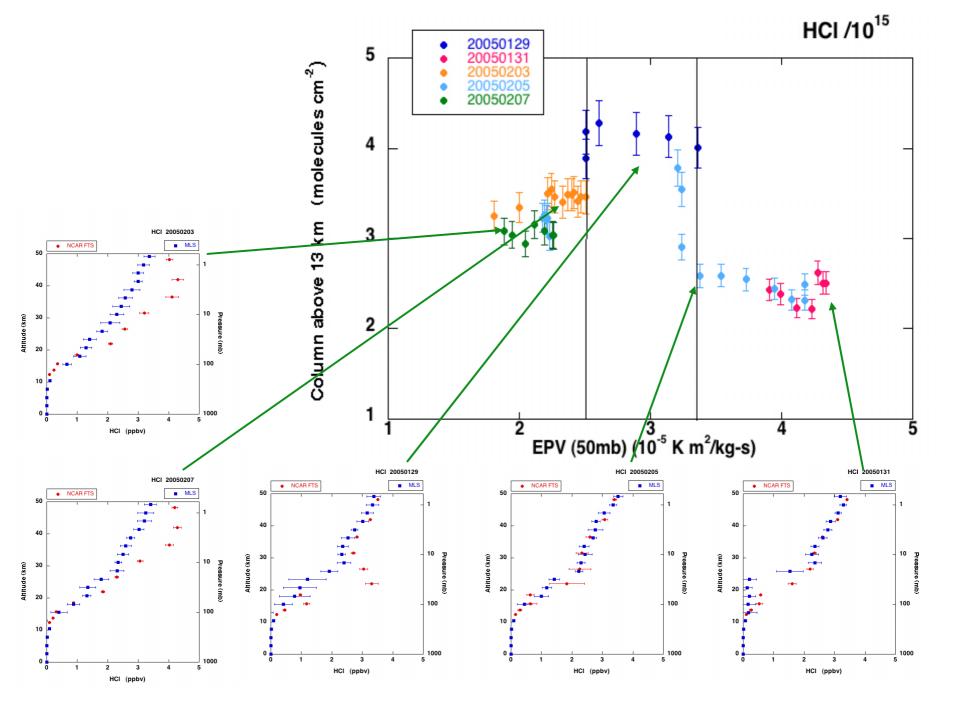




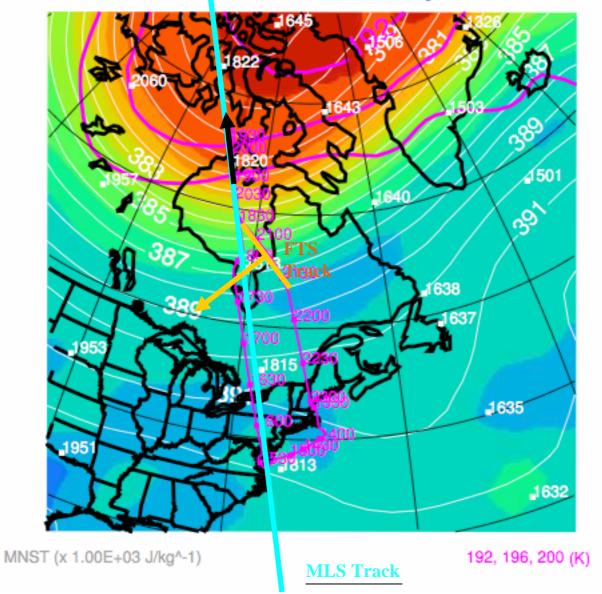








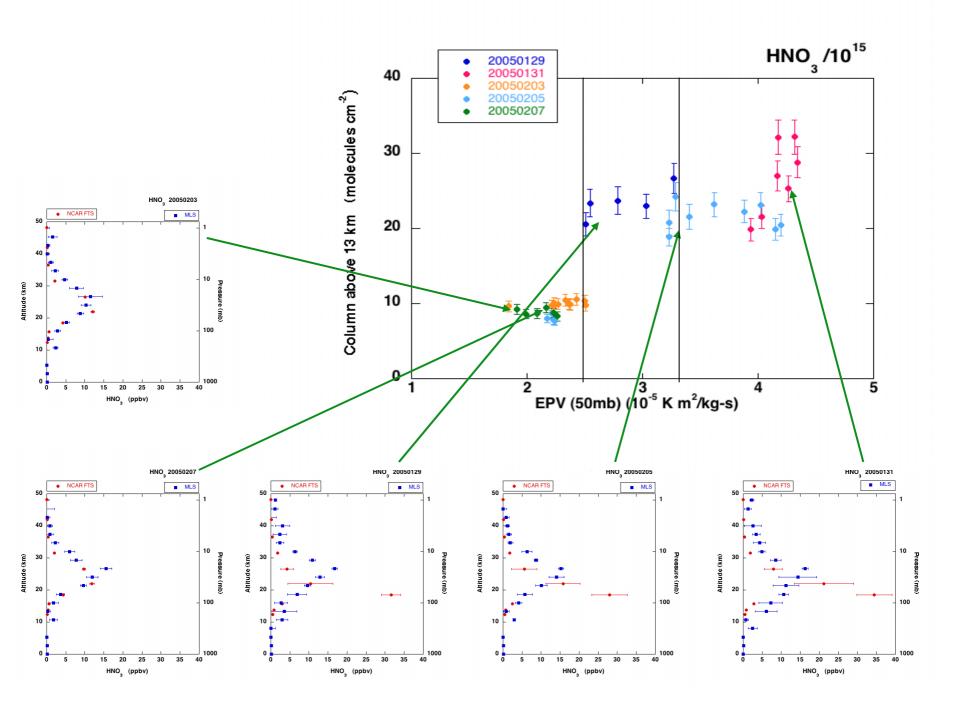
18 UTC on 29 January, 2005

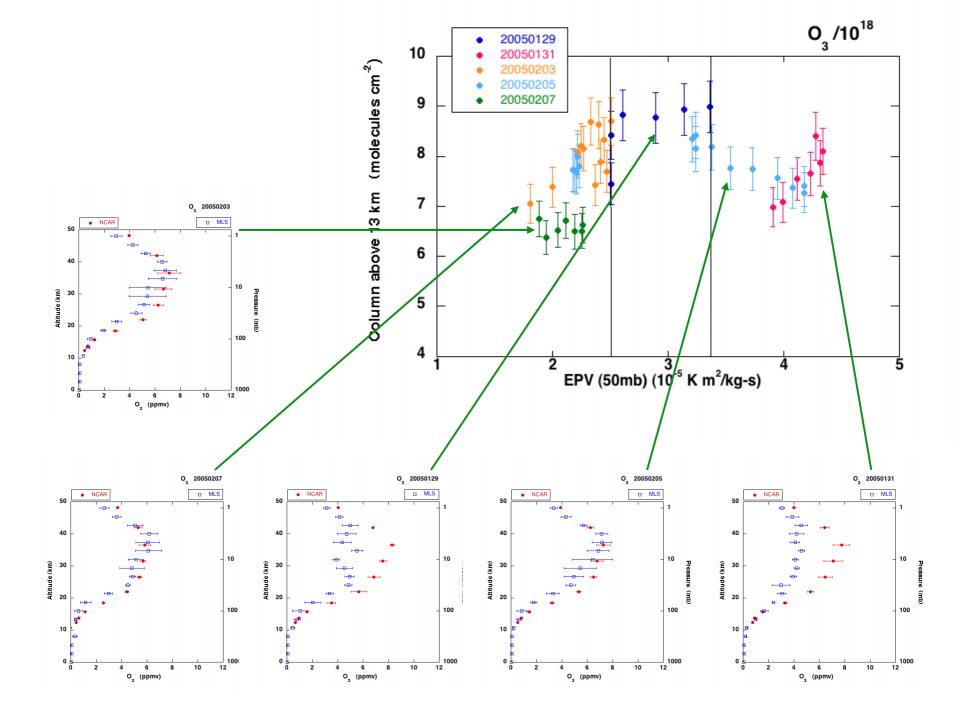


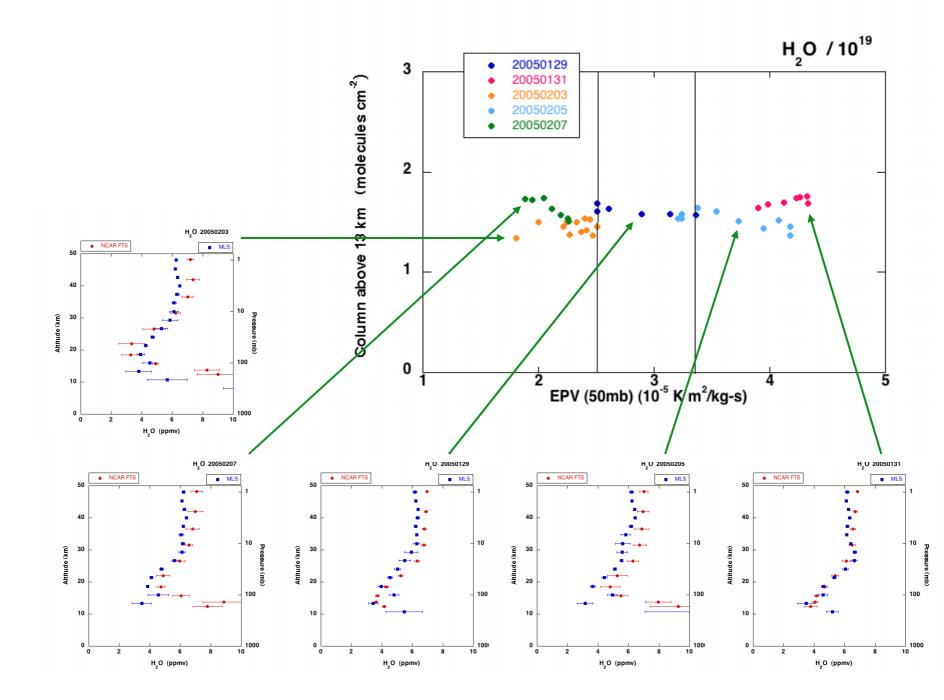
MLS track and view direction

FTS track and view direction

QuickTime™ and a TIFF (Uncompressed) decompressor are needed to see this picture.







Still to do:

MLS CO HCN

OMI $O_3 NO_2$

HIRDLS O₃ H₂O CH₄ N₂O HNO₃CCl₃F CF₂Cl₂ ClONO₂

TES any limb results from this period